

This Page Is Inserted by IFW Operations  
and is not a part of the Official Record

## **BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning documents *will not* correct images,  
please do not report the images to the  
Image Problem Mailbox.**



Electronic Filing System (EFS) Data  
Electronic Patent Application Submission  
USPTO Use Only

EFS ID: 62005  
Application ID: 09728667  
Title of Invention: Computer On A Card With A Remote Human Interface  
First Named Inventor: Andrew Heller  
Domestic/Foreign Application: Domestic Application  
Filing Date: 2000-12-01  
Effective Receipt Date: 2004-06-03  
Submission Type: Information Disclosure Statement  
Filing Type:  
Confirmation number: 5558  
Attorney Docket Number: 5602-09300  
  
Total Fees Authorized: 180.0  
Payment Category: Deposit Account  
Deposit Account Number: 501505  
Deposit Account Name: Russell Henrichs  
Access Code: \*\*\*\*  
RAM Payment Status: RAM success  
RAM User ID: EFSPROD  
RAM Accounting Date: 2004-06-03  
RAM Sequence Number: 7



RECEIVED

JUN 08 2004




Technology Center 2100

Digital Certificate Holder: cn=Russell Ed. Henrichs,ou=Registered Attorneys,ou=Patent and Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US  
Certificate Message Digest: 129abc38ef90b73bd5c19a8eef870f6135d487e5



TRANSMITTAL

Electronic Version v1.1  
Stylesheet Version v1.1.0


Title of Invention	Computer On A Card With A Remote Human Interface																						
<table><tr><td>Application Number:</td><td>09/728667</td><td rowspan="4"></td><td rowspan="4"><b>RECEIVED</b>  JUN 08 2004  Technology Center 2100</td></tr><tr><td>Date:</td><td>2000-12-01</td></tr><tr><td>First Named Applicant:</td><td>Andrew Heller</td></tr><tr><td>Confirmation Number:</td><td>5558</td></tr><tr><td colspan="2">Attorney Docket Number:</td><td colspan="2">5602-09300</td></tr></table>			Application Number:	09/728667		<b>RECEIVED</b>  JUN 08 2004  Technology Center 2100	Date:	2000-12-01	First Named Applicant:	Andrew Heller	Confirmation Number:	5558	Attorney Docket Number:		5602-09300								
Application Number:	09/728667		<b>RECEIVED</b>  JUN 08 2004  Technology Center 2100																				
Date:	2000-12-01																						
First Named Applicant:	Andrew Heller																						
Confirmation Number:	5558																						
Attorney Docket Number:		5602-09300																					
<p>I hereby certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.</p> <p>I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.</p> <table border="1"><thead><tr><th>Submitted by:</th><th>Elec. Sign.</th><th>Sign. Capacity</th></tr></thead><tbody><tr><td>Russell Henrichs Registered Number: 50,354</td><td>Russell Henrichs</td><td>Attorney</td></tr></tbody></table> <table><tr><td>Documents being submitted</td><td>Files</td></tr><tr><td>us-fee-sheet</td><td>IDS3_5602_09400-usfees.xml</td></tr><tr><td></td><td>us-fee-sheet.xml</td></tr><tr><td></td><td>us-fee-sheet.dtd</td></tr><tr><td>us-ids</td><td>IDS3_5602_09400-usidst.xml</td></tr><tr><td></td><td>us-ids.dtd</td></tr><tr><td></td><td>us-ids.xml</td></tr></table>				Submitted by:	Elec. Sign.	Sign. Capacity	Russell Henrichs Registered Number: 50,354	Russell Henrichs	Attorney	Documents being submitted	Files	us-fee-sheet	IDS3_5602_09400-usfees.xml		us-fee-sheet.xml		us-fee-sheet.dtd	us-ids	IDS3_5602_09400-usidst.xml		us-ids.dtd		us-ids.xml
Submitted by:	Elec. Sign.	Sign. Capacity																					
Russell Henrichs Registered Number: 50,354	Russell Henrichs	Attorney																					
Documents being submitted	Files																						
us-fee-sheet	IDS3_5602_09400-usfees.xml																						
	us-fee-sheet.xml																						
	us-fee-sheet.dtd																						
us-ids	IDS3_5602_09400-usidst.xml																						
	us-ids.dtd																						
	us-ids.xml																						

Comments



FEE TRANSMITTAL

Electronic Version v08  
Stylesheet Version v08.0

Title of Invention	Computer On A Card With A Remote Human Interface										
Application Number: 09/728667											
Date: 2000-12-01		<b>RECEIVED</b> JUN 0 8 2004 Technology Center 2100									
First Named Applicant: Andrew Heller											
Attorney Docket Number: 5602-09300											
Art Unit: 2182											
Examiner: Mike Nguyen											
<b>TOTAL FEE AUTHORIZED \$180</b>											
Patent fees are subject to annual revisions on or about October 1st of each year.											
<b>BASIC FILING FEE</b>											
<table border="1"><thead><tr><th>Fee Description</th><th>Fee Code</th><th>Amount \$</th><th>Fee Paid \$</th></tr></thead><tbody><tr><td>Submission Of Information Disclosure Stmt Fee</td><td>1806</td><td>180</td><td>180</td></tr></tbody></table>				Fee Description	Fee Code	Amount \$	Fee Paid \$	Submission Of Information Disclosure Stmt Fee	1806	180	180
Fee Description	Fee Code	Amount \$	Fee Paid \$								
Submission Of Information Disclosure Stmt Fee	1806	180	180								
<b>AUTHORIZED BILLING INFORMATION</b>											
The commissioner is hereby authorized to charge indicated fees and credit any overpayments to:											
Deposit account number: 501505											
Access Code ****											
Deposit name: Meyertons, Hood, Kivlin, Kowert, Goetzel, P.C.											
Deposit authorized name: Russell Henrichs											
Signature: Russell Henrichs											
Date (YYYYMMDD): 2004-06-03											
Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.											

# ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of  
Invention

Computer On A Card With A Remote Human Interface

Application Number: 09/728667

Confirmation Number: 5558

First Named Applicant: Andrew Heller

Attorney Docket Number: 5602-09300

Art Unit: 2182

Examiner: Mike Nguyen

Search string: ( 5257390 or 5193200 or 5299306 or 5323420  
or 5386574 or 5465105 or 5504540 or 5587824  
or 6150997 or 6265951 or 6333750 or 6377629  
or 6388658 or 6418494 or 6557170 or 5130793  
or 5577042 or 5374952 or 6539438 or 6378001  
or 5867821 or 6513069 or 6047054 or 5841977  
or 6219695 or 6412031 or 6446138 or 6505245  
or 6544174 or 6564378 or 6389029 or 6380945  
or 6570579 or 6189064 or 6608630 or 6501480  
or 6630945 or 6529935 or 6038616 or 6385666  
or 6012101 or 6119146 or 6735658 or 6708247  
or 5260697 or 5485570 or 5557775 or 5748890  
or 6308215 or 6160543 or 5987065 or 5337025  
or 5258660 or 6067098 or 6112264 or 6212584  
or 5890015 or 6012115 or 6353866 or 6571305  
or 20020056137 or 20020091850 or  
20020138682 or 20010000539 or 20020145613  
or 20030117406 or 20030158987 or  
20030206174 or 20020010821 ).pn.



RECEIVED

JUN 0 8 2004

Technology Center 2100

## US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	1	5257390	1993-10-26	Asprey			
	2	5193200	1993-03-09	Asprey et al.			
	3	5299306	1994-03-29	Asprey			
	4	5323420	1994-06-21	Asprey			

	5	5386574	1995-01-31	Asprey
	6	5465105	1995-11-07	Shatas et al.
	7	5504540	1996-04-02	Shatas
	8	5587824	1996-12-24	Asprey
	9	6150997	2000-11-21	Asprey
	10	6265951	2001-07-24	Kirshtein
	11	6333750	2001-12-25	Odryna et al.
	12	6377629	2002-04-23	Stewart et al.
	13	6388658	2002-05-14	Ahern et al.
	14	6418494	2002-07-09	Shatas et al.
	15	6557170	2003-04-29	Wilder et al.
	16	5130793	1992-07-14	Bordry et al.
	17	5577042	1996-11-19	McGraw, Sr. et al.
	18	5374952	1994-12-20	Flohr
	19	6539438	2003-03-25	Ledzius et al.
	20	6378001	2002-04-23	Aditham et al.
	21	5867821	1999-02-02	Ballantyne et al.
	22	6513069	2003-01-28	Abato et al.
	23	6047054	2000-04-04	Bayless et al.
	24	5841977	1998-11-24	Ishizaki et al.
	25	6219695	2001-04-17	Gutttag et al.
	26	6412031	2002-06-25	Grooters
	27	6446138	2002-09-03	Criscolo et al.
	28	6505245	2003-01-07	North et al.
	29	6544174	2003-04-08	West et al.
	30	6564378	2003-05-13	Satterfield et al.
	31	6389029	2002-05-14	McAlear
	32	6380945	2002-04-30	MacInnis et al.
	33	6570579	2003-05-27	MacInnis et al.
	34	6189064	2001-02-13	MacInnis et al.
	35	6608630	2003-08-19	MacInnis et al.
	36	6501480	2002-12-31	MacInnis et al.
	37	6630945	2003-10-07	MacInnis et al.
	38	6529935	2003-03-04	MacInnis et al.
	39	6038616	2000-03-14	Thornton et al.
	40	6385666	2002-05-07	Thornton et al.

	41	6012101	2000-01-04	Heller et al.
	42	6119146	2000-09-12	Heller et al.
	43	6735658	2004-05-11	Thornton
	44	6708247	2004-03-16	Barret et al.
	45	5260697	1993-11-09	Barrett et al.
	46	5485570	1996-01-16	Busboom et al.
	47	5557775	1996-09-17	Shedletsky
	48	5748890	1998-05-05	Goldberg et al.
	49	6308215	2001-10-23	Kolbet et al.
	50	6160543	2000-12-12	Chen
	51	5987065	1999-11-16	Candage
	52	5337025	1994-08-09	Polhemus
	53	5258660	1993-11-02	Nelson et al.
	54	6067098	2000-05-23	Dye
	55	6112264	2000-08-29	Beasley et al.
	56	6212584	2001-04-03	Nei
	57	5890015	1999-03-30	Garney et al.
	58	6012115	2000-01-04	Chambers et al.
	59	6353866	2002-03-05	Fensore et al.
	60	6571305	2003-05-27	Engler

## US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
	1	20020056137	2002-05-09	Stewart et al.			
	2	20020091850	2002-07-11	Perholtz et al.			
	3	20020138682	2002-09-26	Shatas et al.			
	4	20010000539	2001-04-26	Heller et al.			
	5	20020145613	2002-10-10	MacInnis et al.			
	6	20030117406	2003-06-26	MacInnis et al.			
	7	20030158987	2003-08-21	MacInnis et al.			
	8	20030206174	2003-11-06	MacInnis et al.			
	9	20020010821	2002-01-24	Yu et al.			

Remarks



Note: Remarks are not for responding to an office action.

Additional non patent art is being sent by mail to be included with this IDS.

Signature

Examiner Name	Date